

Remarks/Arguments

Claims 1-6, 8-13, 16, and 17 are pending in the application. Claims 1-6, 8-13, 16, and 17 are rejected.

Claim 1 is herein amended to correct a typographical error and claim 8 is herein amended to correct for incorrect dependency.

Claims 18 and 19 are added and are supported in the Detailed Description and Figure 3. No new matter is entered.

Claim Rejections Under 35 USC § 103

Claims 1-3, 5-6, 8-13, and 16-17 are rejected under 35 USC 103(a) as being unpatentable over Yamamoto (US Patent No. 5,515,074) in view of Aoki (US Patent No. 5,793,221).

Claim 1

The Office action asserts that Yamamoto shows all of the limitations of claim 1 except for "the driver circuit operative to adjust the adjustable characteristic by modifying the value of the basic setting by the value of correction factor", where Aoki "teaches to modify the value of basic setting by the value of the correction factor (equivalent to multiplying the measured data with correction factor stored in correction table)" (See Fig. 1, items 15, 17, 30-31, Col. 5, Lines 32-42). The Office action concludes that it would have been obvious to one of ordinary skill in the art at the time of invention to incorporate the teaching of Aoki into the Yamamoto system in order to perform fine adjustment.

Applicant respectfully traverses this assertion for a number of reasons. Applicant respectfully submits that Aoki does not teach to modify the value of a basic setting, but rather, teaches to modify the value of measured test data to produce test data that is compensated for

differences between measured test data obtained by different test apparatus. Also, the measured test data of each pixel is corrected by a coefficient of the pixel stored in the correction table to produce test data that is compensated for the difference in measured test data of different test apparatus. (See col. 4, lines 53-65 and col. 5, lines 36-43.)

~~Applicant submits that modifying the value of test data is not analogous to modifying a~~
basic setting of a driver circuit of a display device.

Applicant further submits that one in the art of LCD panel test apparatus needing a way to compensate for the differences in the absolute values of measured data among various test apparatuses would not recognize the need for controlling a driver circuit for a display device for the correction of the basic setting of the adjustable characteristic of the driver circuit, and visa versa for one in the art of driver circuits for a display device.

Claims 2, 3, 4, 5, and 9 depend from claim 1 and are patentable over Yamamoto in view of Aoki for the reasons provided above, plus the elements in the claims. If an independent claim is nonobvious under 35 U.S.C. § 103, then any claim depending therefrom is nonobvious.

~~MPEP § 2143.03.~~

Regarding claim 5, Applicant respectfully submits, for the reasons stated above, that Yamamoto in view of Aoki in further view of Conover et al. does not teach all of the limitations of claim 5, which depends from claim 1. Conover does not alleviate the deficiencies of Yamamoto and Aoki for the reasons given above.

Applicant respectfully requests reconsideration and allowance of claims 1 through 5 and

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Claim 6

The Office action asserts that Yamamoto shows all of the limitations of claim 6 except for "determining a correction factor to the basic setting based on the actual characteristic of the

display device and adjusting the driver circuit by the value of stored correction factor thereby to adjust the display module", where Aoki teaches "to modify the value of basic setting by the value of the correction factor stored in correction table" (See Fig.1, Items 15, 17, 30-31, Col. 5, Lines 32-42). The Office action concludes that it would have been obvious to one of ordinary skill in the art at the time of invention to incorporate the teaching of Aoki into the Yamamoto system in order to perform fine adjustment.

Applicant respectfully traverses this assertion for a number of reasons. Applicant respectfully submits that Aoki does not teach to modify the value of basic setting by the value of the correction factor stored in correction table, but rather, teaches to modify the value of measured test data to produce test data that is compensated for differences between measured test data obtained by different test apparatus.

Applicant does not find in the referenced section of Aoki description to modify the value of basic setting by the value of the correction factor stored in correction table as asserted.

Applicant repeats that test data is modified to compensate for the use of various test equipment.

Applicant repeats that for the reasons given above, that Yamamoto in view of Aoki does not teach all of the limitations of claim 6.

Claims 16 and 17 depend from claim 6 and are patentable over Yamamoto in view of Aoki for the reasons provided above, plus the elements in the claims. Applicant respectfully requests reconsideration and allowance of claims 6, 16 and 17.

Claim 10

The Office action asserts that Yamamoto shows all of the limitations of claim 10 except for "means for generating a drive signal for the display device modified by the value of the stored correction factor", where Aoki teaches "means for generating a drive signal for the display device that modified (multiplied) by the value of stored correction factor (coefficient of

the pixel in Aoki reference)(See Fig.1, items 15, 17, 30-31, Col. 5, Lines 32-42). The Office action concludes that it would have been obvious to one of ordinary skill in the art at the time of invention to incorporate the teaching of Aoki into the Yamamoto system in order to perform fine adjustment.

Applicant respectfully traverses this assertion for a number of reasons. Applicant respectfully submits that Aoki does not teach means for generating a drive signal for the display device that modified (multiplied) by the value of stored correction factor, but rather, teaches to modify the value of measured test data to produce test data that is compensated for differences between measured test data obtained by different test apparatus. Also, the measured test data of each pixel is corrected by a coefficient of the pixel stored in the correction table to produce test data that is compensated for the difference in test apparatus.

Applicant does not find in the referenced section of Aoki description of a drive signal for a display device that is modified as asserted. Applicant repeats that test data is modified to compensate for the use of various test equipment. Applicant repeats that for the reasons given above, that Yamamoto in view of Aoki does not teach all of the limitations of claim 10.

Claims 11-13 depend from claim 10 and are patentable over Yamamoto in view of Aoki for the reasons provided above, plus the elements in the claims. Applicant respectfully requests reconsideration and allowance of claims 10 through 13.

Claim 4

Claim 4 is rejected under 35 USC 103(a) as being unpatentable over Yamamoto and Aoki as aforementioned in claim 1 in view of Inoue (US Patent No. 5,517,212). Applicant respectfully submits, for the reasons stated above, that Yamamoto in view of Aoki in further view of Inoue et al. does not teach all of the limitations of claim 4, which depends from claim 1. Inoue does not alleviate the deficiencies of Yamamoto and Aoki for the reasons given above.

Documents Cited but Not Relied upon for this Office Action

Applicant need not respond to the assertion of pertinence stated for the reference cited but not relied upon by the Office Action since this reference is not made part of the rejections in this Office Action. Applicant is expressly not admitting to this assertion and reserves the right to address the assertion should it form part of future rejections.

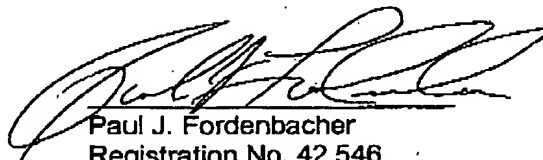
In view of the foregoing reasons for distinguishing over the cited references, Applicant has not raised other possible grounds for traversing the rejections, and therefore nothing herein should be deemed as acquiescence in any rejection or waiver of arguments not expressed herein.

CONCLUSION

Applicant submits that in view of the foregoing remarks and/or amendments, claims 1-6, 8-13, 16, and 17, and new claims 18 and 19 of the application are in condition for allowance, and favorable action is respectfully requested. The Commissioner is hereby authorized to ~~charge any fees, including extension fees, which may be required, or credit any overpayments,~~ to Deposit Account No. 50-1001.

Respectfully submitted,

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Paul J. Fordenbacher
Registration No. 42,546
P. O. Box 10105
Portland, Oregon 97296
Telephone: (503) 224-2713
Facsimile: (503) 296-2172
email: mail@ganzlaw.com

Correspondence to:

Philips Intellectual Property & Standards
1109 McKay Drive; Mail Stop SJ41
San Jose, CA 95131 USA
Telephone: (408) 474-9073
Facsimile: (408) 474-9082
USPTO Customer Number: 24738